## HAND RECEIPT

COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)

**FOR** 

WATER DISTRIBUTION SYSTEM (WDS)
MODEL WDS 20K (4610-01-120-7529)
MODEL WDS 40K (4610-01-114-1451)
MODEL WDS 300K (4610-01-114-1453)
MODEL WDS 800K (4610-01-114-1450)
MODEL WDS 1,000K (4610-01-114-1452)

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

\*This manual supersedes TM 5-4610-228-10-HR, dated 30 July 1990.

TECHNICAL MANUAL

NO. 5-4610-228-10-HR

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 15 JANUARY 1993

### HAND RECEIPT

COVERING CONTENTS OF COMPONENTS OF END ITEM (COEI), BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL)

**FOR** 

WATER DISTRIBUTION SYSTEM (WDS)
MODEL WDS 20K (4610-01-120-7529)
MODEL WDS 40K (4610-01-114-1451)
MODEL WDS 300K (4610-01-114-1453)
MODEL WDS 800K (4610-01-114-1450)
MODEL WDS 1,000K (4610-01-114-1452)

Current as of 23 November 1992

### REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual directly to: Commander, US Army Aviation and Troop Command, ATTN: AMSAT-I-MTS, 4300 Goodfellow Blvd., St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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I This manual supersedes TM 5-4610-228-10-HR, dated 30 July 1990.

### Section I. INTRODUCTION

**1. SCOPE.** This publication provides an overprinted DA Form 2062 (Hand Receipt) which lists the contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) items related to the Water Distribution System.

### 2. GENERAL.

- a. Section 11 is the overprinted DA Form 2062 which lists the line item entry for system/end item and the content of COEI, BII, and AAL extracted from TM 5-4610-223-13. The listings consist of exactly the same items and are in the same sequence as those listings in TM 5-4610-223-13.
- b. The overprinted DA Form 2062 will eliminate manual preparation of the form and will assist organizations in inventorying and accounting for property as required by AR 710-2.
- c. Local reproduction of the overprinted DA Form 2062 is authorized. However, organizations will comply with local policies in the reproduction of DA Form 2062 by office copying equipment, field printing plant, or duplicating plant facilities.
- d. Additional copies may be requisitioned from the U.S. Army Publications Distribution Center, 2800 Eastern Boulevard, Baltimore, MD 21220-2896, in accordance with Chapter 12, AR 25-30.
- **3. EXPLANATION OF BLOCKS AND COLUMNS (DA FORM 2062).** Refer to DA Pam 710-2-1, Chapter 6, for additional information required to complete DA Form 2062.
  - a. FROM. Enter the organization, unit, section or squad which issues the property.
- b. TO. Enter the Unit Identifier Code (UIC) and the hand receipt file number of the unit/personnel receiving the property.
- c. HAND RECEIPT NUMBER. Enter a locally designated number. Use it to post the location of property in the property book.
- d. END ITEM STOCK NUMBER. Contains the National Stock Number (NSN) of the end item covered by the hand receipt.
  - e. END ITEM DESCRIPTION. Contains the end item short title.
- f. PUBLICATION NUMBER. Contains the TM number of the technical manual containing the operator/crew instructions for the equipment.
  - g. PUBLICATION DATE. Date of the operator/crew technical manual.
  - h. QUANTITY. Quantity of the end item covered by this hand receipt.
- i. STOCK NUMBER (column a). National stock number of the item described. Items without stock numbers should be requisitioned by Commercial and Government Entity Code (CAGEC) and part number with exception data in accordance with AR 710-2.
- j. ITEM DESCRIPTION (column b). Enter a description of the end item, to include the make or model, and the serial/USA number, followed by item description of COEI, BII, and AAL items. In addition, it will contain the 5-digit Commercial and Government Entity Code (CAGEC), Part Number (P/N), and "Used On Code," if applicable.
- k. \* (column c). The Accounting Requirements Code (ARC) is provided here. One of the following ARC's will apply:

### NOTE

The Accounting Requirements Code (ARC) refers to property accountability, not the Recoverability Code (RC). The ARC and the RC are listed in the Army Master Data File (AMDF).

N - Nonexpendable: Items not consumed in use, retaining their identity during

use, and requiring that amountability be maintained

throughout the life of the item.

D - Durable: Nonconsumable components of sets, kits, outfits, and

assemblages; all tools in FSC's 5110, 5120, 5130, 5133, 5136, 5140, 5180, 5210, 5220, and 5280; and any other nonconsumable with a price in excess of \$50.00 not

already "N".

X - Expendable: Items regardless of type classification or price and which

are consumed in use. Includes all class 9 repair parts. Items not consumed in use which cost \$50.00 or less

and not already "N" or "D".

i. SEC (column d). The Controlled Inventory Item Code (formerly SEC code) is entered here. This is a one-position code which indicates the security classification, security risks, or pilferage controls required for storage or transportation of assets. Order of precedence for assignment of codes is classified, sensitive, pilferable, unclassified, as applicable. Codes applicable to this hand receipt are as follows:

SEC CODE	CONTROLLED INVENTORY ITEM CODE
U	UNCLASSIFIED PILFERABLE ITEMS
М	Handtools and shop equipment
J	Pilferable item due to its size, shape and utility, which does not fall under one of the above categories. Pilferage controls may be designated by the coding activity to items coded U (unclassified) by recoding the items to J

- m. UI (column e). Unit of Issue. Refer to AR 708-1 and/or CDA Pam 18-1 (Catalog Data Activity) for explanation of abbreviations used in this column.
  - n. QTY AUTH (column f). The quantity authorized to be on hand, or part of the end item.
- o. QUANTITY (column g). Actual quantity on hand. Subcolumns A through Fare to be filled in by the receiving unit/personnel in accordance with DA Pam 710-2-1, chapter 6.
- p. PAGE\_\_OF\_\_PAGES. Contains page number and total number of pages for the COEI, BII, and AAL portions of the hand receipt. Hand receipt holder will initial each page No. (only when two or more forms are involved). When hand receipt holders change, the old initials will be lined out and the new hand receipt holder will initial each page.

## 4. AUTHORIZATION DOCUMENTS.

- a. Components of End Item (COEI) are authorized by the applicable Repair Parts and Special Tools List (RPSTL).
  - b. Basic Issue Items (BII) are authorized by the applicable operator's manual.
- c. Additional Authorization List (AAL) items are authorized by appropriate MTOE, TDA, CTA or JTA authorization documents.
- **5. SPECIAL INFORMATION.** Items coded (.) indicate information is not available.

## SECTION II. HAND RECEIPT

For u	HAND RECEIPT/ANNEX NUM	M 710-2-1	FROM:		TO:							HA	ND RECE	IPT NUI	MBER
FOR ANNEX/CR ONLY	e proponent agency is ODC ENDITEM STOCK NUMBER	SLOG.	END ITEM DESCRIPTION  Water Distribution System (WDS)	PUBLICATION	NUMBER TM 5-461	0-228-	-13		1	ICATION		QU	ANTITY		
5.12.		]				*	050		QTY	g.		QUANT	ITY		
	STOCK NUMBER  a.		ITEM DESCRIPTION b.			c.	SEC d.	UI e.	AUTH /:	A	В	С	D	E	F
4	4610-01-120-7529	STOF	RAGE/DISTRIBUTION SYSTEM: POTA	ABLE WATER	₹,										
		но	SPITAL, 20,000 GAL (RDF); (97403) 13	225E9128		N		SE							
, and the second se		СОМ	PONENTS OF END ITEM (COEI)												
								<u> </u>				<u> </u>			
•	4320-01-120-7524	CON	NECTION KIT: 125 GPM PUMP (RDF)	(97403) 1322	5E9113	N		EA	1						
•	4610-01-123-7705	CON	NECTION KIT: HOSE, NOZZLE (RDF)	(97403) 1322	5E9117	N		EA	4						
	4610-01-140-6776	CON	NECTION KIT: HOSE, 2IN (RDF) (9740	)3) 13225E913	32	N		EA	1						
	4610-01-123-0644	CON	NECTION KIT: HOSPITAL (RDF) (974	03) 13225E91	29	N		EA	1						
	4610-01-141-8882	CON	NECTION KIT: SINGLE TANK (RDF) (	97403) 13225	E9148	Z		EA	1						
	4730-00-840-0797	cou	PLING HALF, QUICK DISCONNECT:	CAM LOCKI	NG,	N		EA	1						
		MA	LE, EXTERNAL PIPE THREAD TYPE	III, 4 INCH											
		NO	MINAL SIZE (96906) MS27022-17												
	4730-00-088-9286	cou	PLING HALF, QUICK DISCONNECT:	CAM LOCKI	NG	N		EA	1						
		FE	MALE, INTERNAL PIPE THREAD, TY	PE V, 4 INCH	[										
		NC	MINAL SIZE (96906) MS27024-17												

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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<sup>\*</sup> WHEN USED AS A:

STOCK NUMBER	ITEM DESCRIPTION	*	SEC	UI	QTY AUTH	g.		QUANT	ΤΥ		
a.	b.	c.	d.	e.	f.	A	В	С	D	Ε	
	WDS 20K COEI (CONTINUED)							:!			
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION,	N		EA	1					_	
	FRAME MOUNTED, AUTOMATICALLY CONTROLLED									<b>-</b>	
	2 TO 350 GPM FLOW (9680) 1955-3										T
4610-01-175-0760	KIT ACCESSORY: 20,000 GAL SYSTEM (RDF);	N		EA	1						T
	(97403) 13225E9149										T
4730-00-825-9705	NIPPLE, PIPE: RED BRASS, SEAMLESS 4-IN, DIA			EA	1			``			T
	EXTERNAL PIPE THREAD TYPE II 6 IN. L (81348)										T
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM	N		EA	1						T
	AT 50 TDH, WITH 2" DIA MALE AND FEMALE										
	CAM LOCKING FITTINGS (81349) MIL-P-52109										
5430-01-106-9678	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE 20,000 GAL	N		EA	1						H
	CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029										-
											┢
	BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM			EA	1						
	TM 5-4610-228-13				1					-	
											-
	ADDITIONAL AUTHORIZATION LIST (AAL)										
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	1	7					
7240-00-222-3088	CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	2						

For u	HAND RECEIPT/ANNEX NUN ise of this form, see DA PAN e proponent agency is ODC	И 710-2-1.	FROM:			TO:							HAI	NO RECE	IPT NUI	MBER
FOR ANNEX/CR ONLY	END ITEM STOCK NUMBER		DITEM DESCRIPTION Water Distribution System	n (WDS)	PUBLICATIO	NNUMBER TM 5-461	10-228-	13			ICATIO		QU	ANTITY	-	
	STOCK NUMBER		ITEM DESCR	IPTION			*	SEC	UI	QTY	Х.		QUANTI	TΥ		
	a.		<b>b</b> .			-	c.	d.	e.	ſ.	A	В	С	D	E	F
		WDS 201	( AAL (CONTINUED)													
	5430-01-168-0589	CHEST,	WATER, TANK (90598) 1	3225E9111			N		EA	1						
:	5411-01-132-1269	SHELTE	R, EQUIPMENT, MULTI	IPURPOSE (	ricon)		N		EA	1	·					
		(81349	) MIL-S-28633													
	7240-00-177-6154	SPOUT,	CAN FLEXIBLE (81349)	MIL-S-1285			N		EA	1						
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HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

TM 5-4610-228-10-HR

## WATER DISTRIBUTION SYSTEM

∞ຼົ	STOCK NUMBER	ITEM DESCRIPTION	*	oro		QTY AUTH	g.		TUAUC	TY		
	u.	ITEM DESCRIPTION h.	Ĉ.	SEC d.	UI c.	f.	Α	В	С	D	E	F
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FOR NNEX/CR ONLY	f this form, see DA PAM 710- ponent agency is ODCSLOG END ITEM STOCK NUMBER	END ITEM DESCRIPTION  Water Distribution System (WDS)	PUBLICATION NUMBER TM 5-4610-228-13		LICATION  0 May	_		٥	UANTIT	Y			
9	STOCK NUMBER	ITEM DESCRIPTION	N	*	SEC	UI	QTY AUTH	g.	- 1	QUAN	TITY		
	a.	ь.		C.	d.	θ.	f.	A	В	С	D	E	Τ
46	10-01-114-1451	STORAGE/DISTRIBUTION SYSTEM: POT	ABLE WATER BRIGADE,										T
		40,000 GAL (RDF)											T
													I
		COMPONENTS OF END ITEM (COEI)											l
46	10-01-120-7258	CONNECTION KIT: BAG FILLER (97403)	13225E9111	N		EA	1						Ī
43	20-01-120-7524	CONNECTION KIT: 125 GPM PUMP (RDF	') (97403) 13225E9113	N.	<u> </u>	EA	2						İ
43:	20-01-120-7523	CONNECTION KIT: 350 GPM PUMP (RDF	) (97403) 13225E9112	N		EA	1						İ
43	20-01-120-7526	CONNECTION KIT: DUAL TANKS 10,000,	20,000 OR 50,000 GAL TANKS	N		EA	1						İ
		(RDF) (97403) 13225E9114											Ī
46	10-01-123-7705	CONNECTION KIT: HOSE, NOZZLE (RDF	') (9 <b>74</b> 03) 13225E9117	N	1	EA	4						İ
46	10-01-140-6776	CONNECTION KIT: HOSE, 2 INCH (RDF)	(97 <b>4</b> 03) 13225E9132	N		EA	8						İ
46	10-01-250-3724	HYPOCHLORINATION UNIT: WATER PU	RIFICATION, FRAME	N	1	EA	1						Ì
		MOUNTED, AUTOMATICALLY CONTR	OLLED 2 TO 350 GPM FLOW										Ī
		(09680) 1955-3											Ī
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★ WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

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STOCK NUMBER	ITEM DESCRIPTION	*	SEC	UI	QTY AUTH	g.		QUAN	TITY		
<b>a</b> .	ь.	C.	d.	θ.	f.	A	В	С	D	E	Γ
	WDS 40K COEI (CONTINUED)										T
4610-01-120-7527	KIT ACCESSORY: 40,000 GAL SYSTEM (RDF); (97403) 13225E9126	N		EA	1						T
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT 50 TDH WITH	N		EA	2						T
	2" DIA MALE AND FEMALE CAM-LOCKING FITTINGS										T
	(81349) MIL-P-52109										
4320-01-158-2954	PUMP SELF-PRIMING, CENTRIFUGAL: 350 GPM AT 275 TDH WITH	N		EA	1						r
	4" DIA MALE AND FEMALE CAM-LOCKING FITTINGS (97403)										T
	TL-MIL-P-52144/TA 13225E9200						i				T
5430-01-106-9678	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 20,000 GAL CAPACITY	N		EA	3						T
	(FOR POTABLE WATER) (81349) MIL-T-53029										
6630-01-336-9215	COLOR COMPARATOR (97403) 13200E7400V			EA	1						
	CASE, COLOR COMPARATOR (97403) 13216E9016V										
	BASIC ISSUE ITEMS (BII)										L
· · · · · · · · · · · · · · · · · · ·	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM			EA	4					_	L
	TM 5-4610-228-13			LA	1						L
7520-00-559-9618	CASE, COTTON DUCK (81349) MIL-C-11743										
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HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC)

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STOCK NUMBER	ITEM DESCRIPTION	*	SEC	UI	QTY AUTH f.	g.		QUAN	ITITY		
а.	<b>b</b> .	c.	d.	θ.	f.	Α	В	С	D	Ε	F
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For i	HAND RECEIPT/ANNEX NU use of this form, see DA PA te proponent agency is OD	M 710-2-1.	FROM:		TO:							НА	ND RECE	IPT NU	MBE
FOR NNEX/CR	END ITEM STOCK NUMBER	EN	DITEM DESCRIPTION	PUBLICATION	NUMBER [M 5-461	0.220	1.2		i i	ICATIO		QU	ANTITY		_
ONLY	<u> </u>	<del></del>	Water Distribution System (WDS)		I IVI 3-46 I	0-228-	13	ſ	QTY	May		ITAAUC	TV		
	STOCK NUMBER  u.		ITEM DESCRIPTION			<b>★</b> c.	SEC d.	UI c	AUTH	A.	в	C	   <sub>D</sub>	E	T F
	4610-01-114-1453	STORAC	GE/DISTRIBUTION SYSTEM: POTA	BLE, WATER	,			SE	<u> </u>			_			
	A. 1448	DIVIS	ION, 300,000 GAL (RDF) (97403) 132	225E9127											H
									<u> </u>						T
		СОМРО	NENTS OF END ITEM (COEI)									-			
	4610-01-120-7528	CONNE	CTION KIT: BAG FILLER (97403) 1:	3225E9111		N		EA	1						
•	4320-01-120-7524	CONNEC	CTION KIT: 125 GPM PUMP (RDF)	(97403)		N		EA	2						Г
		13225E	E9113												
	4320-01-120-7523	CONNEC	CTION KIT: 350 GPM PUMP (RDF)	(97403) 13225	E9112	N		EA	2						:
	4320-01-120-7526	CONNEC	CTION KIT: DUAL TANKS. 10,000,	20,000 OR 50,0	000	N		EA	8						Γ
		GAL T	ANKS (RDF) (97403) 13225E9117												
<u> </u>	4610-01-123-7705	CONNEC	CTION KIT: HOSE, NOZZLE (RDF)	(97403) 132251	E9117	N		EA	4						
	4610-01-140-6776	CONNEC	CTION KIT: HOSE, 2 IN (RDF) (9740	)3) 13225E9132	2	N		EA	4						
	4610-01-140-6775	CONNEC	CTION KIT: HOSE, 4 IN (RDF) (974)	)3) 13225E913	3	N		EA	2						

\* WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

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## WATER DISTRIBUTION SYSTEM

STOCK NUMBER	ITEM DESCRIPTION	*	SEC	UI	QTY AUTH	g.		QUANT	iΤΥ		F
a.	Ь	С	d.	e.	/.	А	В	С	D	E	F
	WDS 300K COEI (CONTINUED)										
4610-01-250-3724	HYPOCHLORINATION UNIT: WATER PURIFICATION,	N		EA	2						
	FRAME MOUNTED, AUTOMATICALLY CONTROLLED										
	2 TO 350 GPM FLOW (09680) 1955-3										
4610-01-120-7522	INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE	N		EA	2						
	(RDF): (97403) 13225E9115										
4610-01-120-7525	KIT ACCESSORY: 20,000, 50,000 GAL TANKS (RDF)	N		EA	1						
	(97403) 134225E9125							-			
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM	N		EA	2						
	AT 50 TDH WITH 2" DIA MALE AND FEMALE										
	CAM-LOCKING FITTINGS (81349) MIL-P-52109	-									
4320-01-158-2954	PUMP. SELF-PRIMING. CENTRIFUGAL: 350 GPM	N		EA	3						
	AT 275 TDH, WITH 4" DIA MALE AND FEMALE										
	CAM-LOCKING FITTINGS (97403) TL-MIL-P-52144/										
	TA 13225E9200										
5430-01-106-9678	TANK FABRIC, COLLAPSIBLE: PILLOW TYPE	N		EA	16						
	20,000 GAL CAPACITY (FOR POTABLE WATER)										
	(81349) MIL-T-53029			-				_			
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For t	HAND RECEIPT/ANNEX NUM use of this form, see DA PAI ne proponent agency is ODG	M 710-2-1.	FROM:		TO:							НА	IND REC	EIPT NUI	MBER
FOR NNEX/CR ONLY	ENDITEM STOCK NUMBER		END ITEM DESCRIPTION  Water Distribution System (WDS)	PUBLICATK	TM 5-46	10-228-	-13	٠		LICATIO 0 May	NDATE 1986	QL	JANTITY		
		1							QTY	g.		QUANT	ΛΙΤΥ		
	STOCK NUMBER		ITEM DESCRIPTION			c.	SEC d.	UI c	AUTH /	Α	В	С	D	E	F
		WDS 3	00K BASIC ISSUE ITEMS (BII)												
		MANU	JAL, OPERATOR'S, WATER DISTRIB	UTION SYS	STEM			EA	1						
		TM 5-4	610-228-13												
		ADDIT	FIONAL AUTHORIZATION LIST (AA	L)											
	5340-00-066-1235	ADAP	TER ASSEMBLY, FUEL DRUM (9740)	3) 13211E75	41	N		EA	5						
	7240-00-222-3088	CAN: 0	GASOLINE, MILITARY 5 GAL (81349)	MIL-C-128	3	N		EA	16						
	5430-01-168-0589	CHEST	Γ, WATER, TANK (90598) 13225E9111	-		N		EA	8						
	5411-01-132-1269	SHELT	TER, EQUIPMENT, MULTIPURPOSE	(TRICON)		N		EA	10						
	-	(813	49) MIL-S-28633				i !								
	7240-00-177-6154	SPOUT	Γ, CAN FLEXIBLE (81349) MIL-S-1285	5		N		EA	8						
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	HAND RECEIPT, enter Hand Receip	ot Annex Number	r												
	HAND RECEIPT FOR QUARTERS														
	HAND RECEIPT ANNEX/COMPON	ENTS RECEIPT.	, enter Accounting Requirements Code (ARC).									PAGE	11 O	F <b>20</b>	PAGE

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	STOCK NUMBER	ITEM DESCRIPTION  b.	*	SEC	UI	QTY AUTH	g.		QUANT	TY		
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	END ITEM DESCRIPTION  Water Distribution System (WDS)	PUBLICATION NUMBER TM 5-46	10-228-	-13			ICATION O May		QU	ANTITY		
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STOF	RAGE/DISTRIBUTION SYSTEM: POTAL	BLE WATER,	N		SE							
800	,000 GAL (RDF) (97403) 13225E9124											
СОМ	PONENTS OF END ITEM (COEI)											
CON	NECTION KIT: BAG FILLER (97403) 132	25E9111	N		EA	1						
CON	NECTION KIT: 125 GPM PUMP (RDF) (	97403) 13225E9113	N		EA	2						
CON	NECTION KIT: 350 GPM PUMP (RDF) (	97403) 13225E9112	N		EA	2						
CON	NECTION KIT: DUAL TANKS 10,000, 20	),000 OR	N		EA	8					•	
50,	000 GAL TANKS (RDF) (97403) 13225E9	114										
CON	NECTION KIT: HOSE, NOZZLE (RDF) (	97403) 13225E9117	N		EA	4						
CON	NECTION KIT: HOSE, 2 IN (RDF) (97403	3) 13225E9132	N		EA	6						
CON	NECTION KIT: HOSE, 4 IN (RDF) (9740)	3) 13225E9133	N		EA	2						
HYP	OCHLORINATION UNIT: WATER PUR	IFICATION,	N		EA	2						
FR	AME MOUNTED AUTOMATICALLY C	ONTROLLED										
2 T	O 350 GPM FLOW (09680) 1955-3											
RNITURE, 6	enter Condition Codes											
F	COM CON CON CON CON CON CON CON CON CON CON	STORAGE/DISTRIBUTION SYSTEM: POTAE 800,000 GAL (RDF) (97403) 13225E9124  COMPONENTS OF END ITEM (COEI)  CONNECTION KIT: BAG FILLER (97403) 132  CONNECTION KIT: 125 GPM PUMP (RDF) (9000)  CONNECTION KIT: 350 GPM PUMP (RDF) (9000)  CONNECTION KIT: DUAL TANKS 10,000, 200  50,000 GAL TANKS (RDF) (97403) 13225E9  CONNECTION KIT: HOSE, NOZZLE (RDF) (9000)  CONNECTION KIT: HOSE, 2 IN (RDF) (97403)  CONNECTION KIT: HOSE, 4 IN (RDF) (97403)  HYPOCHLORINATION UNIT: WATER PUR	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER,  800,000 GAL (RDF) (97403) 13225E9124  COMPONENTS OF END ITEM (COEI)  CONNECTION KIT: BAG FILLER (97403) 13225E9111  CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113  CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112  CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR  50,000 GAL TANKS (RDF) (97403) 13225E9114  CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117  CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132  CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133  HYPOCHLORINATION UNIT: WATER PURIFICATION,  FRAME MOUNTED AUTOMATICALLY CONTROLLED  2 TO 350 GPM FLOW (09680) 1955-3	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER,  800,000 GAL (RDF) (97403) 13225E9124  COMPONENTS OF END ITEM (COEI)  CONNECTION KIT: BAG FILLER (97403) 13225E9111 N  CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113 N  CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112 N  CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR N  50,000 GAL TANKS (RDF) (97403) 13225E9117 N  CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 N  CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132 N  CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133 N  HYPOCHLORINATION UNIT: WATER PURIFICATION, N  FRAME MOUNTED AUTOMATICALLY CONTROLLED  2 TO 350 GPM FLOW (09680) 1955-3	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER,  800,000 GAL (RDF) (97403) 13225E9124  COMPONENTS OF END ITEM (COEI)  CONNECTION KIT: BAG FILLER (97403) 13225E9111  CONNECTION KIT: 125 GPM PUMP (RDF) (97403) 13225E9113  N  CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112  N  CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR  50,000 GAL TANKS (RDF) (97403) 13225E9114  CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117  N  CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132  N  CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133  N  HYPOCHLORINATION UNIT: WATER PURIFICATION,  FRAME MOUNTED AUTOMATICALLY CONTROLLED  2 TO 350 GPM FLOW (09680) 1955-3	STORAGE/DISTRIBUTION SYSTEM: POTABLE WATER,  800,000 GAL (RDF) (97403) 13225E9124  COMPONENTS OF END ITEM (COEI)  CONNECTION KIT: BAG FILLER (97403) 13225E9111 N EA  CONNECTION KIT: 350 GPM PUMP (RDF) (97403) 13225E9112 N EA  CONNECTION KIT: DUAL TANKS 10,000, 20,000 OR N EA  50,000 GAL TANKS (RDF) (97403) 13225E9114  CONNECTION KIT: HOSE, NOZZLE (RDF) (97403) 13225E9117 N EA  CONNECTION KIT: HOSE, 2 IN (RDF) (97403) 13225E9132 N EA  CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9132 N EA  CONNECTION KIT: HOSE, 4 IN (RDF) (97403) 13225E9133 N EA  HYPOCHLORINATION UNIT: WATER PURIFICATION, N EA  FRAME MOUNTED AUTOMATICALLY CONTROLLED  2 TO 350 GPM FLOW (09680) 1955-3	TITEM DESCRIPTION	SEC   U   OTY   F   A	SEC   U   OTTY   A   B	SEC   GTY   A   F   OWANT	*   SEC   U   OTT   A   B   C   D	TITEM DESCRIPTION

## WATER DISTRIBUTION SYSTEM

STOCK NUMBER	ITEM DESCRIPTION	*	SEC	uı	QTY AUTH	g.		QUANT	ΊΤΥ	_	E F
d.	h.	<i>c</i> .	d.	e.	f.	A	В	С	D	E	F
	WDS 800K COEI (CONTINUED)										
4610-01-120-7522	INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF)	N		EA	2				<u> </u>		
	(97403) 13225E9115										
4610-01-120-7525	KIT ACCESSORY: 20,000 AND 50,000 GAL TANKS	N		EA	1						-
	(RDF) (97403) 13225E9125										
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT	N		EA	2						
	50 TDH, WITH 2" DIA MALE AND FEMALE										
	CAM-LOCKING FITTINGS (81349) MIL-P-52109										
4320-01-158-2954	PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT	N		EA	3						
	275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING										
	FITTINGS (97403) TL-MIL-P-42144/TA13225E9200										
5430-01-106-9677	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 50,000 GAL	N		EA	16						
	CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029										
	BASIC ISSUE ITEMS (BII)	_							!		-
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM			EA	1				$\dashv$		
	TM 5-4610-228-13										
	ADDITIONAL AUTHORIZATION LIST (AAL)		_		-	_					
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	5	$\dashv$	$\dashv$	$\dashv$		-	
7240-00-222-3088	CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	16		$\dashv$	$\dashv$	$\dashv$	-	

For use of this fo	EIPT/ANNEX NUMBER form, see DA PAM 710-2-	1.	FROM:		TO:							НА	ND REC	EIPT NUI	MBER
	nt agency is ODCSLOG.	END	ITEM DESCRIPTION	PUBLICAT	ION NUMBER		,			ICATIO		QÜ	ANTITY		
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STOCK NU	JMBER		ITEM DESCRIPTION			* c.	SEC d.	UI e.	QTY AUTH /:	g.	В	QUANT C	D	E	F
	WDS	800F	( AAL (CONTINUED)												
5430-01-10	68-0589 CHE	ST, W	VATER, TANK (90598) 13225E9111			N		EA	16						
5411-01-1	32-1269 SHE	LTER	, EQUIPMENT, MULTIPURPOSE (	ricon)	i	N		EA	10						
	(8)	349)	MIL-S-28633												
7240-00-1	77-6154 SPO	UT, C	CAN, FLEXIBLE (81349) MIL-S-1285			N		EA	8						
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ł	IPT, enter Hand Receipt Annex Num		ondition Codes												PAGES.
HAND RECE	EIPT ANNEX/COMPONENTS RECEI	PT, ente	er Accounting Requirements Code (ARC).								,	PAGE_	15_OF	F	AGES.

DA FORM 2062 JAN 82

## WATER DISTRIBUTION SYSTEM

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FOR INNEX/CR ONLY	e proponent agency is ODC	LSLOG.	END ITEM DESCRIPTION  Water Distribution System (WDS)	PUBLICATIO	N NUMBER TM 5-46	10-228	-13			ICATIO		QU	IANTITY		
	STOCK NUMBER		ITEM DESCRIPTION			<b>*</b>	SEC d.	UI e.	QTY AUTH	g.	В	QUANT	ITY D	ΓE	T F
4	4610-01-114-1450	STOR	AGE/DISTRIBUTION SYSTEM: POTA	BLE WATEI	₹,	N		SE			<b>-</b>				
		1,00	00,000 GAL (RDF) (97403) 13225E9119			-	<u>.</u>								
		СОМ	PONENTS OF END ITEM (COEI)	,											
4	4610-01-120-7528	CON	NECTION KIT: BAG FILLER (97403) 13	225E9111		N		EA	1						
4	4320-01-120-7524	CON	NECTION KIT: 125 GPM PUMP (RDF)	(97403) 1322	5E9113	N		EA	1						
4	4320-01-120-7523	CON	NECTION KIT: 350 GPM PUMP (RDF)	(97403) 1322	5E9112	Z		EA	2						
	4320-01-120-7526	CON	NECTION KIT: DUAL TANKS 10,000, 2	0,000 OR		N		EA	10			_			
		50,0	000 GAL TANKS (RDF) (97403) 13225E9	114											
4	4610-01-123-7705	CON	NECTION KIT: HOSE, NOZZLE (RDF)	97403) 1322	5E9117	N		EA	4	_					
	4610-01-140-6776	CON	NECTION KIT: HOSE, 2 IN (RDF) (9740	3) 13225E91	32	N		EA	6						Γ
	4610-01-140-6775	CON	NECTION KIT: HOSE, 4 IN (RDF) (9740	3) 13225E91	33	N		EA	2						
4	4610-01-250-3724	НҮРС	OCHLORINATION UNIT: WATER PUR	IFICATION	,	N		EA	2						
		FRA	AME MOUNTED AUTOMATICALLY C	ONTROLLE	ED										
		2 TO	O 350 GPM FLOW (09680) 1955-3												
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\* WHEN USED AS A:

HAND RECEIPT, enter Hand Receipt Annex Number

HAND RECEIPT FOR QUARTERS FURNITURE, enter Condition Codes

HAND RECEIPT ANNEX/COMPONENTS RECEIPT, enter Accounting Requirements Code (ARC).

PAGE 17 OF 20 PAGES.

## **WATER DISTRIBUTION SYSTEM**

STOCK NUMBER	ITEM DESCRIPTION	*	SEC	Ui	QTY AUTH	g.		QUANT	ITY		
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	WDS 1,000,000 GAL COEI (CONTINUED)										
4610-01-120-7522	INTERCONNECTION KIT: 4" DIA DISCHARGE HOSE (RDF)	N		EA	2						
	(97403) 13225E9115										
4610-01-120-7525	KIT ACCESSORY: 20,000 AND 50,000 GAL TANKS (RDF)	N		EA	1						
	(97403) 13225E9I25										
4320-01-156-3873	PUMP SELF-PRIMING, CENTRIFUGAL: 125 GPM AT	N		EA	1						
	50 TDH, WITH 2" DIA MALE AND FEMALE										
	CAM-LOCKING FITTINGS (81349) MIL-P-52109										
4320-01-158-2954	PUMP, SELF-PRIMING, CENTRIFUGAL: 350 GPM AT	N		EA	3						
	275 TDH, WITH 4" DIA MALE AND FEMALE CAM-LOCKING										
	FITTINGS (97403) TL-MIL-P-52144/TA13225E9200			-							
5430-01-106-9677	TANK, FABRIC, COLLAPSIBLE: PILLOW TYPE, 50,000 GAL	N		EA	20						
	CAPACITY (FOR POTABLE WATER) (81349) MIL-T-53029										
<del></del>	BASIC ISSUE ITEMS (BII)										
	MANUAL, OPERATOR'S, WATER DISTRIBUTION SYSTEM			EA	1						
	TM 5-4610-228-13										
	ADDITIONAL AUTHORIZATIONALIST (AAA)										
5040 00 000 4005	ADDITIONAL AUTHORIZATION LIST (AAL)										
5340-00-066-1235	ADAPTER ASSEMBLY, FUEL DRUM (97403) 13211E7541	N		EA	4						
7240-00-222-3088	CAN GASOLINE, MILITARY 5 GAL (81349) MIL-C-1283	N		EA	14						

For u	HAND RECEIPT/ANNEX NUN use of this form, see DA PAN e proponent agency is ODC	M 710-2-1	FROM:		TO:	-						НА	ND REC	EIPT NUI	<b>JBER</b>
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	5430-01-168-0589	CHES	ST, WATER, TANK (90598) 13225E9111			N		EA	20						
	5411-01-132-1269	SHEL	TER, EQUIPMENT, MULTIPURPOSE (1	TRICON)		N		EA	10						
		(81:	349) MIL-S-28633	-											
	7240-00-177-6154	SPOU	JT, CAN, FLEXIBLE (81349) MIL-S-1285			N		EA	7						
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* WHEN	USED AS A: HAND RECEIPT, enter Hand Receipt HAND RECEIPT FOR QUARTERS FU HAND RECEIPT ANNEX/COMPONE	URNITURE, e				· · · · · · · · · · · · · · · · · · ·	<u> </u>		1	I	P	AGE_	19 OF	_20_F	AGES.

## WATER DISTRIBUTION SYSTEM

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By Order of the Secretary of the Army:

GORDON R. SULLIVAN General, United States Army Chief of Staff

Official:

Milto H. Hamilton MILTON H. HAMILTON Administrative Assistant to the Secretary of the Army

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30 July 1990 **WATER DISTRIBUTION SYSTEM** 

BE EXA		POINT WHE		IN THIS SPACE TELL WHAT IS WRONG
PAGE NO	PARA- GRAPH	FIGURE NO	TABLE NO	AND WHAT SHOULD BE DONE ABOUT IT:
6	2-1			In line 6 g paragraph 2-10 The
	~			monual states the engine has
				6 Cylenders. The engine on my
				set only has 4 Cylenders.
			į	
				Clarge the manual to show L
				Cylinder.
BI		4-3	i	Callant 16 on figure 4-3 is
				pointing at a bolt. In key
				to 1: 1 1/2 it is called
				to figure 4-3, item 16 is cellal
				a shim - Please Correct
				one or the other.
	0.	ne o	20	I ordered a gasket, item
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			j	19 on figure B-16 ky NSN
			1	2910-05-762-3001. I get a
			1	gasket but it dress it fit.
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JOHN DOE, PFC (268) 317. 7/11

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15 January 1993

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	IS IN THIS SPACE TELL	WHAT IS WRONG		
PRINTED NAME, GRADE OR TITLE, AND	TELEPHONE NUMBER	SIGN HERE.		

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FOLD BACK

## The Metric System and Equivalents

#### Linear Measure

1 centimeter = 10 millimeters = .39 inch 1 decimeter = 10 centimeters = 3.94 inches 1 meter = 10 decimeters = 39.37 inches 1 dekameter = 10 meters = 32.8 feet 1 hectometer = 10 dekameters = 328.08 feet 1 kilometer = 10 hectometers = 3,280.8 feet

#### Weights

1 centigram = 10 milligrams = .15 grain 1 decigram = 10 centigrams = 1.54 grains 1 gram = 10 decigram = .035 ounce 1 dekagram = 10 grams = .35 ounce 1 hectogram = 10 dekagrams = 3.52 ounces 1 kilogram = 10 hectograms = 2.2 pounds 1 quintal = 100 kilograms = 220.46 pounds 1 metric ton = 10 quintals = 1.1 short tons

#### Liquid Measure

1 centiliter = 10 milliters = .34 fl. ounce 1 deciliter = 10 centiliters = 3.38 fl. ounces 1 liter = 10 deciliters = 33.81 fl. ounces 1 dekaliter = 10 liters = 2.64 gallons 1 hectoliter = 10 dekaliters = 26.42 gallons 1 kiloliter = 10 hectoliters = 264.18 gallons

#### Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

#### Cabic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## **Approximate Conversion Factors**

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	<b>29</b> ,573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

# Temperature (Exact)

۰F	Fahrenheit	5/9 (after	Celsius	$^{\circ}\mathrm{C}$
	temperature	subtracting 32)	temperature	

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